



Ministry of
Northern Development
and Mines

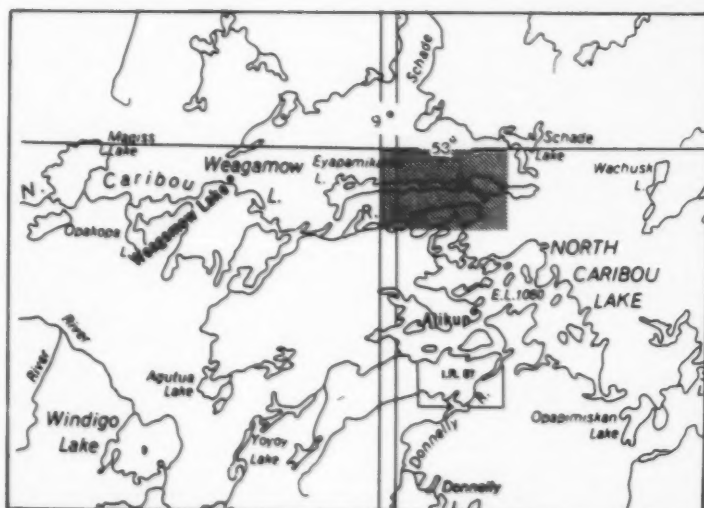
Mines and
Minerals
Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 521

SEESEEP LAKE AREA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles



This project is part of the five year Canada-Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	Multiplied by	Gives	Imperial Unit	Multiplied by	Gives

LENGTH

1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20 116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km

AREA

1 cm ²	0.155 0	square inches	1 square inch	6.451 6	cm ²
1 m ²	10.763 9	square feet	1 square foot	0.092 903 04	m ²
1 km ²	0.386 10	square miles	1 square mile	2.589 988	km ²
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha

VOLUME

1 cm ³	0.061 02	cubic inches	1 cubic inch	16.387 064	cm ³
1 m ³	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m ³
1 m ³	1.308 0	cubic yards	1 cubic yard	0.764 555	m ³

CAPACITY

1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L

MASS

1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 71	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t

CONCENTRATION

1 g t	0.029 166 6	ounce (troy)	1 ounce (troy)	34 285 714 2	g t
		ton (short)	ton (short)		
1 g t	0.583 333 33	pennyweights	1 pennyweight	1 714 285 7	g t
		ton (short)	ton (short)		

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy) ton (short)	20.0	pennyweights ton (short)
1 pennyweight ton (short)	0.05	ounce (troy) ton (short)

One gram (g) per tonne is equivalent to one part per million (1 ppm).

NOTE—Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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ABBREVIATIONS LIST

A.F.R.O.	Assessment Files Research Office (Toronto)
Ann. Rept. (A.R.)	Annual Report
A.R.I.P.	Aggregate Resources Inventory Paper
Bull.	Bulletin
C.I.M.M.	Canadian Institute of Mining and Metallurgy
C.J.E.S.	Canadian Journal of Earth Sciences
C.M.J.	Canadian Mining Journal
Econ. Geol.	Economic Geology
E.M.R.	Department of Energy, Mines and Resources
E.P.B.	Earth Physics Branch
G.A.C.	Geological Association of Canada
GC	Geological Circular
GDIF	Geological Data Inventory Folio
Geol.	Geology
Geol. Soc. Amer. Bull.	Geological Society of America Bulletin
GR	Geoscience (Geological) Report
GSC	Geological Survey of Canada
I.L.S.G.	Institute on Lake Superior Geology
IMR	Industrial Mineral Report
I.O.C.	Report of the Iron Ore Committee (1923)
Jour. (or J)	Journal
MDC	Mineral Deposit Circular
M.D.I. (R)	Mineral Deposit Inventory (Record)
Mem	Memoir
MNDM	Ministry of Northern Development and Mines
MNR	Ministry of Natural Resources
M.P.	Miscellaneous Paper
MRC	Mineral Resources Circular
N.M.I.	National Mineral Inventory
NOEGTS	Northern Ontario Engineering Geology Terrain Study
NTS	National Topographic System
O.B.M.	Ontario Bureau of Mines
O.D.L.F.	Ontario Department of Lands and Forests
ODM	Ontario Department of Mines
ODMNA	Ontario Department of Mines and Northern Affairs
OFR	Open File Report
O.G.S.	Ontario Geological Survey
P.R.	Preliminary Report
Prelim. (or P)	Preliminary
R.C.	Royal Commission on Mineral Resources of Ontario (1890)
S.M.D.R.	Source Mineral Deposit Record
Sum. Rept.	Summary Report

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

SOURCES OF DATA		Data	Initial
1	Resident Geologist's Office Files	YES	CJP
2	Assessment Files Research Office, Toronto	AFRO	CJP
3	ODM General Index: 9 Volumes	YES	CJP
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	CJP
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars		CJP
6	ODM Industrial Mineral Reports	NO	CJP
7	Bibliography of Post Precambrian Thesis - Karrow (ODM MP 1)	NO	CJP
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	CJP
9	Newspaper Clippings File	YES	CJP
10	GSC Index to Publications	YES	CJP
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	CJP
12	OGS Index Maps	YES	CJP
13	Source Mineral Deposit Records (O.G.S.)	NO	CJP
14	Author - Subject Articles File	NO	CJP
15	Miscellaneous Papers ODM & OGS	YES	CJP
16	ODM Geological Circulars OGS Study Series	NO	CJP
17	ODM Preliminary Reports: ODM Bulletins	YES	CJP
18	ODM - OGS Open File Reports	YES	CJP
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	CJP
20	OGS Aggregate Resources Inventory Papers	NO	CJP
21	OGS Mineral Potential Maps	YES	CJP
22	Drill Core Library Catalogue	NO	CJP
23	Aerial Photographs	NO	CJP
24	Unpublished Theses	NO	CJP
SEESEEP LAKE AREA			

AERIAL PHOTOS; MOSAICS; IMAGERY

The following items are available for inspection at the Resident Geologist's office:

(a) Aerial Photographs: NO DATA AS OF JUNE, 1989

(b) Photomosaics:

(c) Satellite Imagery:

TOPOGRAPHIC MAPS (selected)

scale	year	name and/or number	by
1:50,000	1977	North Caribou Lake 53B/15	Surveys and Mapping Br., Dept. of Energy, Mines and Resources
1:250,000	1981	North Caribou Lake 53B	Surveys and Mapping Br., Dept. of Energy, Mines and Resources

SEESEEP LAKE AREA

METALS AND MINERALS REFERENCES LIST

△ anh	 Anhydrite	△ fu	 Fuchsite	△ Ni	 Nickel	△ st	 Stone
△ ank	 Ankerite	△ gn	 Galena	△ Nb	 Niobium	△ s	 Sulphides
△ anna	 Annabergite	△ gl	 Garnet	△ Pd	 Palladium	△ talc	 Talc
△ ap	 Apatite	△ goe	 Goethite	△ peat	 Peat	△ Te	 Tellurium
△ arg	 Argentite	▲ Au	 Gold	△ pent	 Pentlandite	△ td	 Tetrahedrite
▲ As	 Arsenic	△ gl	 Graphite	△ Pt	 Platinum	△ th	 Thorite
▲ asp	 Arsenopyrite	△ gl	 Gravel	▲ py	 Pyrite	△ Th	 Thorium
△ asb	 Asbestos	△ gyp	 Gypsum	△ pyl	 Pyrochlore	△ thuc	 Thucholite
△ ba	 Barite	△ hem	 Hematite	△ pyrl	 Pyrolusite	△ ti	 Titanite
△ be	 Beryl	△ il	 Ilmenite	△ po	 Pyrrhotite	△ Ti	 Titanium
△ Bi	 Bismuth	△ Fe	 Iron	△ q	 Quartz	▲ tour	 Tourmaline
△ bn	 Bornite	△ IF	 Iron Formation	△ qcv	 Quartz carbonate vein	△ trap	 Trap rock
△ bran	 Brannerite	△ jas	 Jasper	△ ra	 Radioactive minerals	△ W	 Tungsten
△ bruc	 Brucite	△ kaol	 Kaolinite (kaolin)	△ RE	 Rare Earths	△ uran	 Uraninite
△ Cd	 Cadmium	△ ky	 Kyanite	△ sd	 Sand	△ U	 Uranium
△ calc	 Calcite	△ Pb	 Lead	△ sgl	 Sand and gravel	△ verm	 Vermiculite
△ carb	 Carbonate	△ lim	 Limonite	△ ss	 Sandstone	△ Y	 Yttrium
△ cel	 Celestite	△ Li	 Lithium	△ scap	 Scapolite	△ Zn	 Zinc
△ cc	 Chalcocite	△ mgst	 Magnesite	△ shee	 Scheelite	△ zr	 Zircon
△ cp	 Chalcopyrite	△ mag	 Magnetite	△ serp	 Serpentine		
△ ch	 Chert	△ mc	 Malachite	△ sh	 Shale		
△ clay	 Clay	△ Mn	 Manganese	△ sid	 Siderite		
△ Co	 Cobalt	△ mb	 Marble	△ si	 Silica		
△ cob	 Cobaltite	△ mar	 Marcasite	▲ Ag	 Silver		
△ cb	 Columbite	△ ma	 Marl	△ sl	 Slate		
△ Cu	 Copper	△ mi	 Mica	△ sm	 Smaltite		
△ cor	 Corundum	△ ml	 Millerite	△ sod	 Sodalite		
△ dol	 Dolomite	△ mo	 Molybdenite	△ spec	 Specularite		
△ ep	 Epidote	△ Mo	 Molybdenum	△ sp	 Sphalerite		
△ ery	 Erythrite	△ mon	 Monazite	△ spd	 Spodumene		
△ fel	 Feldspar	△ ne	 Nephelite (nepheline)	△ slaur	 Staurolite		
△ fl	 Fluorite (fluorspar)	△ nc	 Niccolite	△ stib	 Stibnite		

▲ Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES			Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization			
A	MCGRUER LAKE PROPERTY OCCURRENCE	Au,As,asp,tour	--	--	Map P.2834, Au assayed 10.7 ppm or 0.31 oz/ton, As assayed 28% MP 132, p.381-385 MP 141, p.60,62 File 53B/15NW-0019 plate 15
B	POLLUX LAKE OCCURRENCES	As	--	--	Map P.2834 As assayed 2.3-21.5%
C	SESEEP LAKE EAST OCCURRENCE	Au,As,Ag	--	--	Map P.2834 Au assayed 4630 ppm and 1.25% As File 53B/15NW-0022, p.18
D	CASTOR LAKE OCCURRENCES	As,Au	--	--	Map P.2834, As assayed 2.88-11.8% , Au assayed 0.04oz/t
E	UNNAMED	Au	--	--	File 53B/15NW-0022, p.15, fig. 4 Best gold assays from the two trenches were 1,360 ppb Au over 1.0 feet and 1,650 ppb Au over 1.3 feet
F	CASTOR LAKE MAIN SHOWING OCCURRENCES	Au	--	--	Drill hole C-85-1, 2.0 g/t over 0.39 meters File 53B/15NW-0020

SESEEP LAKE AREA

MINERAL OCCURRENCES				Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Map Ref. Letter	(see Exploration Data Map) Name(s)	Mineralization				
F	(continued)					-File 53B/15NW-0019 plate 11, p.10 assay values of 1.95 g/tonne Au over 1.9 meters grab and chip samples assayed 1-7 g/tonne Au
G	UNNAMED (STANLEY LAKE NORTH)	Au	--	--		-File 53B/15NW-0015 one sample assayed 3920 ppb Au over 8 inches
H	MCGRUER EAST SHOWING NO.1	Au, As, asp, py	--	--		-File 53B/15NW-0014, p.13-14, figures 3 and 6 shear zone-5m thick in conglomerate with iron carbonate, up to 0.32 oz/ton Au over 30 cm
I	UNNAMED	Au	--	--		-File 53B/15NW-0027, p.25, drawing #1 grab samples assayed between 2545-2851 ppb Au
J	UNNAMED	Au	--	--		-File 53B/15NW-0027, p.26-28, figure #5, drawing #2 grab samples and channel samples assayed 1149, 1208, 1351 and 1717 ppb Au

SEESEEP LAKE AREA

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																		
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE			GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
Rel to on Map	COMPANY/AUTHOR (file number)		1	CANADIAN NICKEL C. L. (53B/15NW-0010-A1)		72															
2	NORTHERN DYNASTY (53B/15NW-0011-A1)					85	85														
3	NORTHERN DYNASTY (53B/15NW-0012-A1)					85	85														
4	NORTHERN DYNASTY (53B/15NW-0012-D1)						85														
5	MOSS RESOURCES ONTARIO L. (635479) (53B/15NW-0013)												85	85							
6	INGAMAR EXPLORATIONS L. HIBBARD, M. (53B/15NW-0014)		86	86			86														
7	MOSS RESOURCES L. ONTARIO L. (635479) (53B/15NW-0015)		85	85																	
8	MOSS RESOURCES ONTARIO L. (635479) (53B/15NW-0016)												85	85							

TYPE OF WORK			Numbers below represent the year in which the work was done; e.g., 68 for 1968																			
Ref file on Map	(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY				
	COMPANY/AUTHOR (file number)																					
9	MILNER CONSOLIDATED SIL- VER MINES (53B/15NW-0017)		86										86	86								
10	COMSTATE RESOURCES L. (53B/15NW-0018)		85	85																		
11	NORTHERN DYNASTY NEWFIELDS MINERALS INC. WESTFIELD MINERALS L. (53B/15NW-0019)		85	85									85	85								
12	NORTHERN DYNASTY (53B/15NW-0011-D1)								85													
13	BAZINET, E.W. BEAUFIELD RESOURCES INC. (53B/15NW-0021)					87																
14	NORTHERN DYNASTY MINES L. (53B/15NW-0020) * (2.10629)		87	87									87	87								
15	POWER EXPLORATION INC. (53B/15NW-0022) * (10584)		87	87																		
16	POWER EXPLORATION INC. (53B/15NW-0023) * (2.10863)		87	87	87		87															

* TORONTO FILE NUMBER

SEESEEP LAKE AREA

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																				
(see files Index Map) EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		Ref file on Map	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
17	POWER EXPLORATION INC. (53B/15NW-0024)						87	87														
18	NORTHERN DYNASTY NEWFIELDS MINERALS INC. WESTFIELD MINERAL L. (53B/14NE-0029)*(2.11041)			87/ 88	87/ 88			87/ 88														
19	BEAUFIELD RESOURCES L. MILNER CONSOLIDATED M. L. (53B/15NW-0025) No drill hole data available						87	87		87												
20	POWER EXPLORATION INC. DARVEAU, C. DARVEAU, R. (53B/15NW-0026)*(2.11603)													88	88							
21	MOSS RESOURCES L. DARVEAU, C. DARVEAU, R. (53B/15NW-0027)*(2.11708)			88	88	88		88														
22	NORTHERN DYNASTY L. NEWFIELDS MINERALS INC. WESTFIELD MINERALS L. (53B/15NW-0028)*(2.11830)			85													85					

* TORONTO FILE NUMBER

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968																		
Ref to Map	COMPANY/AUTHOR (file number)	RESIDENT GEOLOGIST'S OFFICE																		
		EXPLORATION DATA filed at the																		
23	NORTHERN DYNASTY NEWFIELDS MIN. INC. WESTFIELD MIN. L. (53B/15NW-0029) * (2.11762)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATION	SELF POTENTIAL	RESISTIVITY			
24	GOLDEN EAGLE RES. INC. (53B/15NW-0030)				89	89		89				88	88							

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
1	CANADIAN NICKEL CO. L.	49780	1972	180	-45	35.50	156.00	talc, po, py, cp, sp	--
2	NORTHERN DYNASTY EXPL.	C-85-1	1985	180	-45	14.00	703.00	asp, tour, py, mag, po, cp	Au
3		C-85-2	1985	184	-45	19.30	416.00	py, po, cp, gt, asp	Au
4		C-85-3	1985	184	-45	4.20	356.00	asp, py, po, cp, mag, Fe	Au
5	NORTHERN DYNASTY EXPL.	G-85-1	1985	188	-45	10.20	474.00	po, py, gt, cp, asp, mag	Au
6		G-85-2	1985	188	-60	8.10	236.00	py, gt, po, asp, mag	Au
		G-85-3	1985	188	-45	5.00	186.00	gt, cp, po, py, asp, mag	Au
		G-85-4	1985	188	-60	3.80	206.00	gt, py, po, asp, mag	Au
7		G-85-5	1985	188	-45	5.30	206.00	py, gt, po, asp, mag, cp	Au
		G-85-6	1985	188	-60	3.30	31.00	py, po, Fe, gt	Au
8	BEAUFIELD RES. INC. (BAZINET, E.W.)	1	1987	N35W	-45	41.00	457.00	po, py, mag, cp	Au, Ag
9		2	1987	N35W	-45	30.00	353.50	py, po, cp	Au, Ag

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY		Company Drillhole Number	Date Drilled Completed	Bearing Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
Drilling Location Number on Map	(see Exploration Data Map) Company Name								
10	BEAUFIELD RESOURCES INC. (BAZINET, E.W.)	3	1987	N35W	-47	33.50	458.00	py, po, asp, cp	Au
11		4	1987	N35W	-47	5.50	307.00	py, cp, po	Au
12		SL-87-1	1987	0	-46	5.00	396.00	gt, po, py, asp, tour	Au
13	POWER EXPLORATION INC.	SL-87-2	1987	0	-44	5.00	451.00	po, gt, py, gf	Au
14		SL-87-3	1987	0	-45	16.00	350.00	gt, po, py, mag	Au
15		SL-87-4	1987	0	-42	68.00	405.00	gt, py, mag, po	Au
16		SL-87-5	1987	0	-45	30.00	407.00	py, po, gt, fel	Au
17		SL-87-6	1987	0	-45	25.50	487.00	fel, po, py, mag	Au
18	GOLDEN EAGLE RES. INC.	SL-87-7	1987	0	-45	40.00	444.00	gt, mag, py, po, gf	Au
19		SL-87-8	1987	0	-44	76.00	402.00	gt, po, gf, py, asp	Au
20		SL-87-9	1987	0	-45	6.00	253.00	gt, po, py	Au
21		SL-87-10	1987	0	-45	6.00	253.00	po, py, asp, gt	Au
22		ML-89-01	1989	15	-45	1.40m	154.60m	asp, mag, py, gt, po	Au
		ML-89-02	1989	15	-45	1.50m	149.00m	po, gt, staur, asp, py	Au

— indicates core stored at Drill Core Library

DRILLHOLE SUMMARY										
Drilling Location Number on Map	(see Exploration Data Map) Company Name									
	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for		
23	GOLDEN EAGLE RES. INC.	ML-89-03	1989	15	-45	5.20m	151.50m	py,po,gt, staur	Au	
		ML-89-04	1989	15	-45	1.50m	121.90m	staur,po,py, cp,gt	Au	
indicates core stored at Drill Core Library										

SESEEP LAKE AREA

AIRBORNE GEOPHYSICAL SURVEY DATA				Flight Line Direction	Flight Line Spacing
Number on File Index Map	by for year	Type of Survey	Flight Altitude		
Not on Index Map	-Aerodat Ltd. -Ont. Geological Survey -1985	-Aerodat Electromagnetic System (Input) -Geometrics G-803 Proton Precision- Type Magnetometer	30m 45m	NE-SW	200m

GEOCHEMICAL SURVEY DATA (see Exploration Data Map)				Reference
Map Sample Site Reference Number	Type of Survey	Analysis For	By	
1	SOIL, TILL, ROCK	Au	INGAMAR EXPLORATION	53B/15NW-0014
2	ROCK, SEDIMENTS	Au	MOSS RESOURCES L. ONTARIO L. (635479)	53B/15NW-0015
3	SOIL, HUMUS, ROCK	Au (multi-spectral)	NORTHERN DYNASTY NEWFIELDS MINERALS WESTFIELD MINERALS	53B/15NW-0019
4	SOIL, HUMUS, ROCK	Au (multi-spectral)	NORTHERN DYNASTY MS.	53B/15NW-0020
5	SOIL, HUMUS, ROCK	Au	POWER EXPLORATION INC.	53B/15NW-0022
6	ROCK, SOIL, HUMUS	Au, Ag, As, Cu, Pb, Zn	POWER EXPLORATION INC.	53B/15NW-0023
7	HUMUS, ROCK	Au (multi-spectral)	NORTHERN DYNASTY NEWFIELDS MINERALS WESTFIELD MINERALS	53B/14NE-0029
8	ROCK	Au	MOSS RESOURCES	53B/15NW-0027

GEOCHRONOLOGY DATA - AGE DATING

Site	Method	Material	Reference	Result
	NO DATA AS OF JUNE, 1989			

SEESSEEP LAKE AREA

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

COMPANY	NEWSPAPER	DATE	PAGE
Northern Dynasty Westfield Minerals NewfieldsMinerals	George Cross Newsletter	July 16/85	p.4
		June 17/85	p.3
		Feb. 21/85	p.?
		Jan. 15/85	p.1
Moss	George Cross Newsletter	? ?/84	?
Power Exploration Inc.	Dryden Observer Northern Miner	July 19/88	p.12
		July 11/88	p.23

ODM GENERAL INDEX SEARCH

Words searched: Seeseep Lake, Hodgson Lake, Cemetery Lake, Staunton Lake, Stanley Lake, McGruer Lake, Eyapamikama Lake, Castor Lake, Pollux Lake

Index Volume	Listing	Report Volume	Part	Page
III	Geology of the Windigo-North Caribou Lakes Area	XLVIII	9	1-32
9	Geology of the Winisk Lake Area, District of Kenora (Patricia Portion)	GR	193	

SESEEP LAKE AREA

SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
Author	Date		
ANDREWS, A.J. SHARPE, D.R. JANES, D.A.	1981	A PRELIMINARY RECONNAISSANCE OF THE WEAGAMOW-NORTH CARIBOU LAKE METAVOLCANIC-METASEDIMEN-TARY BELT INCLUDING THE OPAPIMISKAN LAKE (MUSSELWHITE) GOLD OCCURRENCE P.203-213 IN SUMMARY OF FIELD WORK 1981 BY THE O.G.S., MP 100, 255p.	MP 100 P.203-213
BARTLETT, J.R. BREAKS, F.W. DEKEMP, E.A. SHIELD, H.N.	1985	PRECAMBRIAN GEOLOGY OF EYAPAMIKAMA LAKE AREA (OPAPIMISKAN LAKE PROJECT), KENORA DISTRICT (PATRICIA PORTION), O.G.S., MAP P.2834, GEO-LOGICAL SERIES	P. 2834 1:31,680
BREAKS, F.W. BARTLETT, J.R. DEKEMP, E.A. FINAMORE, P.F. ET AL.....	1984	OPAPIMISKAN LAKE PROJECT, PRECAMBRIAN GEOLOGY, QUATERNARY GEOLOGY AND MINERAL DEPOSITS OF THE NORTH CARIBOU LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), p.258-273 IN SUMMARY OF FIELD WORK AND OTHER ACTIVITIES, O.G.S., MP 119, 309p.	MP 119 p.258-273
BREAKS, F.W. BARTLETT, J.R. OSMANI, I.A. FINAMORE, P.F. WALLACE, H.	1985	OPAPIMISKAN LAKE PROJECT, PRECAMBRIAN AND QUATERNARY GEOLOGY OF THE NORTH CARIBOU AREA, DISTRICT OF KENORA (PATRICIA PORTION) p.268-276 IN SUMMARY OF FIELD WORK AND OTHER ACTI-VITIES, O.G.S., MP 126, 351p.	MP 126 p.268-276
DUFFELL, S. MACLAREN, A.S. HOLMAN, R.H.C. (G.S.C.)	1963	RED LAKE-LANSDOWNE HOUSE AREA, NORTHWESTERN ONTARIO, BEDROCK GEOLOGY, GEOPHYSICAL AND GEO-CHEMICAL INVESTIGATIONS (PARTS OF 42,43,52,53) REPORT, MAP 2-1963, MAP 3-1963	PAPER 63-5 MAPS 2-1963 3-1963 1"=8 MILES 1:506,880
EMSLIE, R.F. HOLMAN, R.H.C. (G.S.C.)	1966	THE COPPER CONTENT OF CANADIAN SHIELD ROCKS, RED LAKE-LANSDOWNE HOUSE AREA, NORTHWESTERN ONTARIO, BULLETIN 130	BULLETIN 130 ---

SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
Author	Date		
FINAMORE, P.F.	1986	P. 3043	1:50,000
G.S.C.	1963	MAP 52-1963	1"=4 MILES 1:253,440
O.D.M.	1939	MAP 48h	1"=1 MILE 1:63,360
O.D.M.	1959	MAP 919G	1"=1 MILE 1:63,360
O.D.M.	1973	MAP 2292	1"=4 MILES 1:253,440
O.G.S.	1985	MAPS 80719 80720 80721 80726 80727 80728	1:20,000
OSMANI, I.A. STOTT, G.M.	1988	MP 141	p.53-67.
PIROSHCO, D.	1986	MP 132	p.379-385

SELECTED REFERENCES

SELECTED REFERENCES			Reference	Map Scales and/or Report Pages
Author	Date	Title		
PIROSHCO, D. SHIELDS, H.	1985	GEOLOGY AND GOLD MINERALIZATION OF THE EYAPA-MIKAMA LAKE AREA OF THE NORTH CARIBOU LAKE GREENSTONE BELT, DISTRICT OF KENORA (PATRICIA PORTION) P.277-286 IN SUMMARY OF FIELD WORK AND OTHER ACTIVITIES, O.G.S., MP 126, 35lp.	MP 126	P.277-286
	PREST, V.K.	1963	RED LAKE-LANSDOWNE HOUSE AREA, NORTHWESTERN ONTARIO, SURFICIAL GEOLOGY, PARTS OF 42,43,52, 53, PAPER 63-6, MAP 4-1963, MAP 5-1963	PAPER 63-6 MAP 4-1963 MAP 5-1963
ROBERTSON, JAMES A. VOS, M.A. SPRINGER, JANET S.	1976	MINERAL POTENTIAL MAP OF ONTARIO 1976, NORTHWESTERN SHEET, O.D.M. PRELIMINARY MAP P.1096, MINERAL DEPOSITS SERIES	P.1096	1"=16 MILES 1:1,013,760
SATTERLY, J.	1938	PRELIMINARY REPORT ON THE WINDIGO-WEAGAMOW CARIBOU LAKES AREA, PR 1938-4	PR 1938-4	--
SPRINGER, JANET	1978	ONTARIO MINERAL POTENTIAL NORTH CARIBOU SHEET, DISTRICT OF KENORA(PATRICIA PORTION) O.G.S. MAP P.1547, MINERAL DEPOSITS SERIES	P.1547	1:250,000
THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1971	OPERATION WINISK LAKE, WEAGAMOW LAKE SHEET, DISTRICT OF KENORA(PATRICIA PORTION) O.D.M. AND NORTHERN AFFAIRS, MAP P.711, GEOLOGICAL SERIES	P.711	1"=2 MILES
THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1971	OPERATION WINISK LAKE, DISTRICT OF KENORA (PATRICIA PORTION), P.13-21 IN SUMMARY OF FIELD WORK, 1971 BY THE GEOLOGICAL BRANCH, O.D.M. AND NORTHERN AFFAIRS, MP 49, 109p.	MP 49	P.13-21
THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1975	OPERATION WINISK LAKE, DISTRICT OF KENORA (PATRICIA PORTION) DIVISION OF MINES O.F.R. 5119, 297p.	OFR 5119	--

Author	Date	SELECTED REFERENCES		Reference	Map Scales and/or Report Pages
		Title			
THURSTON, P.C. SAGE, R.P. SIRAGUSA, G.M.	1979	GEOLOGY OF THE WINISK LAKE AREA, DISTRICT OF KENORA (PATRICIA PORTION), O.G.S. REPORT 193 169p., ACCOMPANIED BY MAPS 2287 and 2292.		REPORT 193 MAPS 2287 2292	1:253,440

NOTES AND ADDENDA

NO DATA AS OF JUNE 1989

**MAPS
NOT
FILMED**

**CARTES
OMISES**